

# AFTER-SUN GEL

NEW

Cosphatec

100.54.2.1

COOLING. STRESS-RELIEVING. FREE OF LISTED PRESERVATIVES.

**Alternative preservation: Cosphaderm® LA-T, Cosphaderm® CA natural, Cosphaderm® Pentiol GL**

Phase	Ingredient	COSMOS	INCI	Supplier	%
A	Cosphaderm® X soft	✓	Xanthan Gum	Cosphatec GmbH	0.50
A	Glycerin		Glycerin	Cremer GmbH	5.00
A	Cosphaderm® Sodium Hyaluronate	✓	Sodium Hyaluronate	Cosphatec GmbH	0.20
A	D-Panthenol 75 %		Panthenol, Aqua	-	1.00
A	Cosphaderm® Pentiol GL		Pentylene Glycol	Cosphatec GmbH	3.00
B	Demin. Water		Aqua	-	ad 100
B	Cosphaderm® CA natural	✓	Cinnamic Acid	Cosphatec GmbH	0.20
B	Witch Hazel Water		Hamamelis virginiana water	-	10.00
	Ronacare® Allantoin		Allantoin	Merck KGaA	0.20
B	Aloe Vera Powder		Aloe Barbadensis Leaf Juice Powder	-	0.50
B	Cosphaderm® LA-T	✓	Levulinic Acid, Glycerin, Sodium Levulinate, Aqua	Cosphatec GmbH	1.00

## Manufacturing Process

Phase A: Combine all ingredients of phase A and mix with a stirring rod, then set aside.

Phase B: Add Cosphaderm® CA natural, witch hazel water, allantoin and aloe vera powder to the water and increase the pH value to 9 – 10. Stir until the powder has dissolved completely. Afterwards, add Cosphaderm® LA-T to the mixture.

Add phase B to phase A and stir until a slightly viscous gel is formed.

Adjust pH to  $5.5 \pm 0.05$ .

## Specification

Appearance: Yellowish, clear, slightly viscous gel

pH:  $5.5 \pm 0.05$

Stability: Microbiological stability proven, no separation after centrifugation (4000 rpm, 30 min)